



# AMPAK

## AP5168G

### Evaluation Kits

### User manual

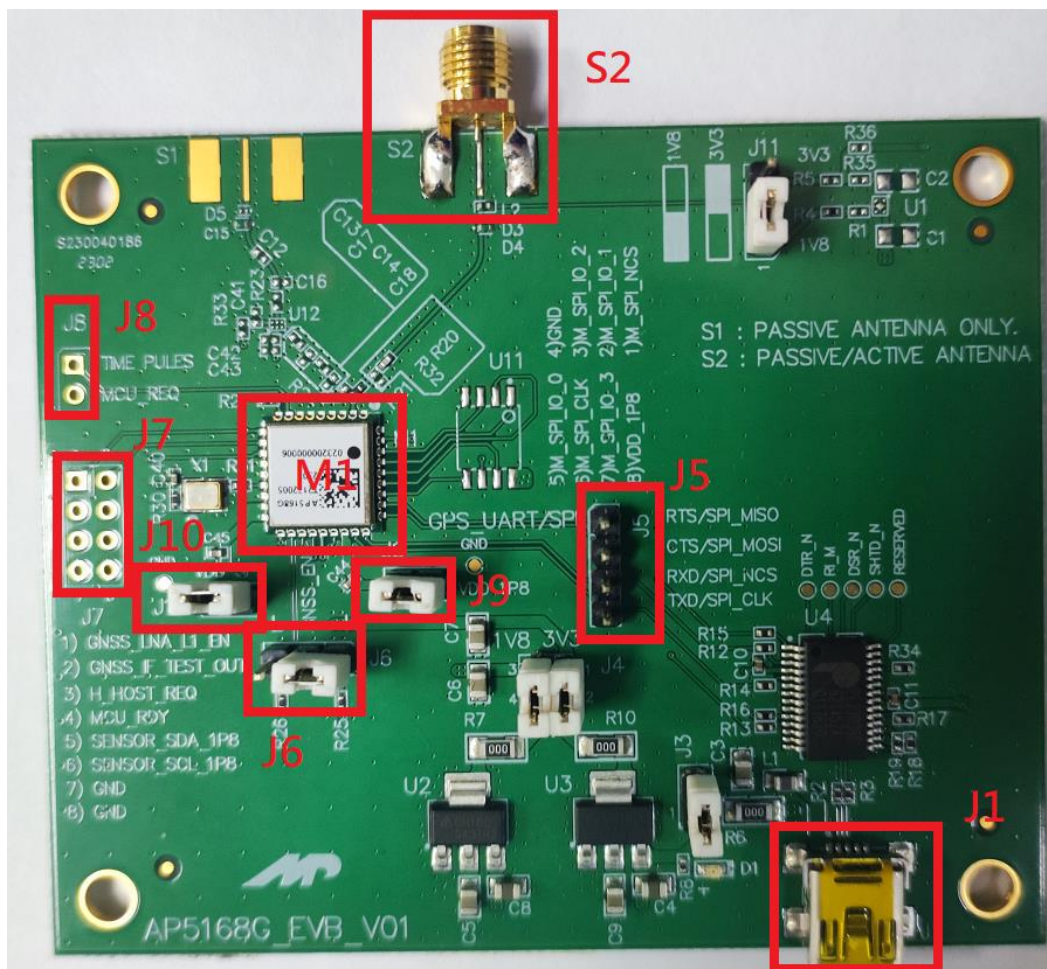
Version 1.1

#### Revision History

Date	Revision Content	Revised By	Version
2022/12/28	Initial released	Richard	1.0

## 1. AP5168G Evaluation Board Introduction

AP5168G Evaluation board (EVB) likes as figure1. That is designed for GNSS with integrated sensor hub application. It is subject to provide a convenient environment for customer's verification on GNSS and sensor hub function. There are many controller pins and reserved GPIOs on Evaluation board which describes as below.



## 2. GNSS function verification steps

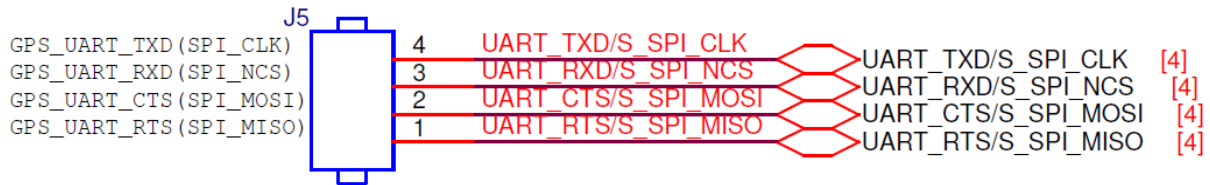


Figure2. GNSS verification connection interface to Host.

### Hardware Setup:

- ❖ Refer to Figure2 UART pin definition connects the J5 interface of AP5168G evaluation board to Host UART control interface.
- ❖ Connects a GNSS antenna at SMA connector on the evaluation board.
- ❖ Note to the VDDIO voltage level should be the same with GPIO voltage level of Host CPU.

### Wi-Fi software setup:

Please follow up software guideline of Ampak official released.